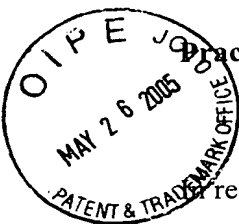


05-27-05

12W



Practitioner's Docket No.: 789_021 DIV

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re the application of: Nobuhide KATO, Yasuhiko HAMADA and Nobuyuki KOKUNE

Ser. No.: 10/608,084

Art Unit: 1753

Filed: June 27, 2003

Examiner: Kaj K. Olsen

Confirmation No.: 8096

For: GAS SENSOR AND METHOD FOR CONTROLLING THE SAME

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 26, 2005 under "EXPRESS MAIL" mailing label number EV 40699 3036 US.

Jane M. Stevens
Jane M. Stevens

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97(b)

Sir:

The information disclosure statement transmitted herewith is being filed:

- ☐ within three months of the filing date of this national application.
- ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application.
- ☒ before the mailing date of the first Office action on the merits.
- ☐ before the mailing of a first Office Action after the filing of a request for continued examination under §1.114.

Respectfully submitted,

May 26, 2005

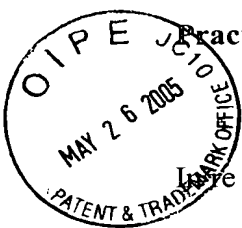
Date

Stephen P. Burr
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Facsimile: (315) 233-8320



Practitioner's Docket No.: 789_021 DIV

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Janet M. Stevens
Janet M. Stevens

INFORMATION DISCLOSURE STATEMENT

Sir:

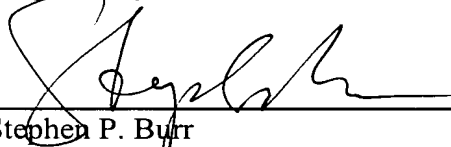
Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Required copies of the references listed on Form PTO-1449 are attached.

Also enclosed is a copy of a Japanese Office Action (with a partial English translation as supplied by Applicants' Japanese representatives) from a corresponding Japanese patent application bearing a mailing date of May 10, 2005, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein. Reference BE corresponds to Reference BA. Reference BF corresponds to Reference BB. Reference BH corresponds to Reference BC. JP 08-271 476 cited in the Japanese Office Action was previously cited in the Information Disclosure Statement filed June 27, 2003 in the above-identified application.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,



Stephen P. Burr
Reg. No. 32,970

May 26, 2005

Date

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| Form PTO-1449 | | | Complete if Known | | |
| US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | Application Number | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | 10/608,084 | | |
| | | | Filing Date | | |
| | | | June 27, 2003 | | |
| | | | First Named Inventor | | |
| | | | Nobuhide KATO | | |
| | | | Art Unit | | |
| | | | 1753 | | |
| | | | Examiner Name | | |
| | | | Kaj K. Olsen | | |
| | | | Confirmation No. | | |
| | | | 8096 | | |
| Sheet | 1 | of | 1 | Attorney Docket No. | |
| | | | | 789_021 DIV | |

U.S. PATENT DOCUMENTS

| Exam. Initial | | Document Number | Date | Name | Our Docket No. | Class | Sub Class | Filing Date |
|---------------|-----------|-----------------|------------|---------------|----------------|-------|-----------|-------------|
| | BA | 5,322,601 | 06/21/1994 | Liu et al. | | | | |
| | BB | 5,130,002 | 07/14/1992 | Murase et al. | | | | |
| | BC | 5,928,494 | 07/27/1999 | Kato et al. | | | | |
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FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Sub Class | Translation | Abstract |
|--|-----------|-----------------|------------|---------|-------|-----------|-------------------------|----------|
| | BD | 05-005722 | 01/14/1993 | JP | | | JPO Machine Translation | ✓ |
| | BE | 05-107225 | 4/27/1993 | JP | | | | ✓ |
| | BF | 03-156361 | 07/04/1991 | JP | | | | ✓ |
| | BG | 59-217150 | 12/07/1984 | JP | | | | ✓ |
| | BH | 09-318594 | 12/12/1997 | JP | | | | ✓ |

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

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|-----------|--|------------------|--|
| Examiner: | | Date Considered: | |
|-----------|--|------------------|--|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the above U.S. references.